

CLAIMS

What is claimed is:

1 1. A method for immediately issuing a production plan, for use with a
2 system for immediately issuing a production plan, wherein a production plan is
3 transmitted to the system by a network for allowing a production-line host to access the
4 production plan and allowing a production-associated department to monitor an
5 operational status in production in real time; the method comprising the steps of:

6 a. transmitting the production plan through the network to the system;
7 b. storing the production plan received by the system in a first database;
8 c. reading the production plan stored in the first database via the
9 production-line host through a network connection to the system, so as to perform the
10 production according to the production plan;

11 d. transmitting the operational status in the production via the
12 production-line host through the network to a second database for storage;

13 e. reading the operational status in the production stored in the second
14 database via the production-associated department through the network connection to the
15 system, so as to monitor the production in real time; and

16 f. integrating via the system material data stored in the first database
17 prior to performing the production with those stored in the second database after
18 performing the production, and storing the integrated data in the first database to be used
19 as a material stock reference for next production.

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1 2. The method of claim 1, wherein after performing the step (6), the
2 integrated data stored in the first database include data relating to well-manufactured

3 products and inferior products in stock.

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2 3. The method of claim 1, after performing the step (c), further comprising
3 the steps of:

4 (c-1) determining via the system if a message is generated for an abnormal
5 condition occurring in the production, wherein if the message is generated, step (3-2) is
6 followed, or else, the step (3-1) is repeated; and

7 (c-2) transmitting automatically the message via the system to the production-
8 associated department.

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1 4. A method for immediately issuing a production plan, for use with a
2 system for immediately issuing a production plan, wherein a production plan is
3 transmitted to the system by a network for allowing a production-line host to access the
4 production plan; the method comprising the steps of:

5 (a) transmitting the production plan through the network to the system;

6 (b) storing the production plan received by the system in a first database; and

7 (c) reading the production plan stored in the first database via the production-line
8 host through a network connection to the system, so as to perform production
9 according to the production plan.

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1 5. The method of claim 4, after performing the step (c), further comprising
2 the steps of:

(c-1) determining via the system if a message is generated for an abnormal condition occurring in the production, wherein if the message is generated, step (c-2) is followed, or else, the step (c-1) is repeated; and transmitting automatically the message via the system to a production-associated department.

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6. The method of claim 4, wherein the production-associated department is allowed to monitor an operational status in production in real time, and after performing the step (c), the method further comprises the steps of:

(c-1) transmitting the operational status in the production via the production-line host through the network to a second database for storage;

(c-2) reading the operational status in the production stored in the second database via the production-associated department through the network connection to the system, so as to monitor the production in real time; and

(c-3) integrating via the system material data stored in the first database prior to performing the production with those stored in the second database after performing the production, and storing the integrated data in the first database to be used as a material stock reference for next production.

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7. The method of claim 6, wherein after performing the step (c-3), the integrated data stored in the first database include data relating to well-manufactured products and inferior products in stock.

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1 8. The method of claim 3, wherein the system for immediately issuing a
2 production plan comprises:

3 the first database;

4 a first receiving module for receiving and storing the production plan in the first
5 database as set forth in the step (a);

6 the second database;

7 a second receiving module for receiving and storing the operational status in the
8 production in the second database as set forth in the step (d);

9 a retrieving/informing module for reading the operational status in the production
10 stored in the second database as set forth in the step (c); and

11 a processing module for integrating the material data as set forth in the step (f).

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1 9. The method of claim 8, wherein the retrieving/informing module
2 performs the step (c-2) for automatically transmitting the message to the production-
3 associated department according to a determined result from the step (c-1).

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1 10. The method of claim 4, wherein the system for immediately issuing a
2 production plan comprises:

3 the first database; and

4 a receiving module for receiving and storing the production plan in the first
5 database as set forth in the step (a).

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1 11. The method of claim 6, wherein the system for immediately issuing a

production plan comprises:

the first database;

a first receiving module for receiving and storing the production plan in the first database as set forth in the step (a);

the second database;

a second receiving module for receiving and storing the operational status in the production in the second database as set forth in the step (c-1);

a retrieving/informing module for reading the operational status in the production stored in the second database as set forth in the step (c-2); and

a processing module for integrating the material data as set forth in the step (c-3).

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12. A system for immediately issuing a production plan, used for transmitting a production plan through a network to a production-line host, so as to allow the production-line host to access the production plan and allow a production-associated department to monitor an operational status in production in real time; the system comprising:

a first receiving module for receiving and transmitting the production plan to the production-line host;

a first database for storing the production plan received by the first receiving module therein, so as to allow the production-line host to read the production plan and perform the production according to the production plan;

a second receiving module for receiving the operational status in the production transmitted from the production-line host; and

a second database for storing the operational status in the production received by the second receiving module therein, so as to allow the production-associated

15 department to read and monitor the operational status in the production.

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1 13. The system of claim 12, further comprising a retrieving module for
2 reading the operational status in the production stored in the second database and
3 transmitting the operational status to the production-associated department, which
4 submits a request for inquiring the operational status.

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14. The system of claim 12, further comprising a informing module for
automatically informing the production-associated department of a message generated by
the production-line host for showing an abnormal condition occurring in the production.

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15. The system of claim 12, further comprising a processing module for
integrating material data stored in the first database prior to performing the production
with those stored in the second database after performing the production, and storing the
integrated data in the first database to be used as a material stock reference for next
production.

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1 16. The system of claim 15, wherein the integrated data stored in the first
2 database include data relating to well-manufactured products and inferior products in
3 stock